

**Notice of Allowability**

Application No.

10/003,138

Examiner

Kaveh Abrishamkar

Applicant(s)

KEMPER, STEFAN

Art Unit

2131

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Request for Continued Examination (RCE) filed on 12/18/2006.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 1/18/2007.

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other \_\_\_\_\_

  
AYAZ SHEIKH

**SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100**

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Edward DeFrank (Registration No. 37,814) on January 18, 2007.
3. The application has been amended as follows:

#### **Amendments to the Specification:**

***Replace the 2<sup>nd</sup> paragraph on page 18 (lines 8-22) with the below paragraph:***

For example, the computer readable medium may take a variety of forms, including a computer-readable storage medium, a propagation medium, and paper. Specific examples of a computer-readable storage medium include a portable computer diskette, a random access memory ("RAM"), a read-only memory ("ROM"), an erasable programmable read-only memory ("EPROM," or Flash memory), and a portable compact disc read-only memory ("CDROM"). The computer readable medium could be also be a propagation medium including optical fiber and infrared. Finally, the computer-readable medium could even be paper or another suitable medium upon which the program is printed, as the program can be electronically captured, for

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instance via optical sensing or scanning of the paper, and then compiled, interpreted or otherwise processed in a suitable manner before being stored in the memory.

**Amendments to the Claims:**

Please amend the claims 13-18 as follows:

**Claim 13 (Currently Amended):**

A computer readable storage medium, comprising:

logic of a database client locally-authenticating a user of a client device;

logic granting previously authorized access to the device if the user is locally authenticated;

logic generating an authentication request to a server;

logic of a server database remotely authenticating the user in response to the authentication request after successful local authentication;

logic granting access to new activities and control parameters on the computer device if remote authentication is successful unless the authorized activity is not completed, wherein the new activity is denied;

storing identification data from a subsequent user while a previous user's activity is being completed;

logic updating the client database according to results of the local and remote authentications; and

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logic limiting a number of times that a particular client database and/or record in any, or all, of the client databases will be updated during any period of time and/or total number of updates.

Claim 14 (Currently Amended):

The computer readable storage medium recited in claim 13, further comprising logic for authorizing the user in response to the successful local authentication.

Claim 15 (Currently Amended);

The computer readable storage medium recited in claim 14, further comprising logic for withdrawing an authorization in response to a reply from the server.

Claim 16 (Currently Amended):

The computer readable storage medium recited in claim 13, further comprising logic for updating user authentication data stored on the client in response to a reply from the server.

Claim 17 (Currently Amended):

The computer readable storage medium recited in claim 14, further comprising logic for updating user authentication data stored on the client in response to a reply from the server.

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Claim 18 (Currently Amended):

The computer readable storage medium recited in claim 15, further comprising logic for updating user authentication data stored on the client in response to a reply from the server.

### **REASONS FOR ALLOWANCE**

1. Claims 1-20 are allowed.
2. The following is an examiner's statement of reasons for allowance:

The above mentioned claims are allowable over the cited prior art (CPA), because the CPA of record fails to teach or render obvious the limitations in the independent claims 1,7,13,and 19, and the subsequent dependent claims.

The CPA does not teach nor suggest a system which uses a client database to locally authenticate a user of a device, and subsequently, performs a remote authentication which uses a server database for the authentication, which if successful, grants access to new activities, unless the authorized activity is not completed, in which case, the new activity is denied.

This invention allows local authentication to occur relatively quickly without consuming many resources by using the client database to authenticate a user.

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Subsequent to the local authentication, the remote authentication request is generated which is more extensive, while the user can work on an authorized activity. Then if the remote authentication is successful, the user can begin a new activity once the authorized activity is completed. This allows a quick authentication which does not stall the user's work on an authorized activity but does not compromise security because a more extensive remote authentication is performed.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kaveh Abrishamkar whose telephone number is 571-272-3786. The examiner can normally be reached on Monday thru Friday 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

K.A.  
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01/22/2007

  
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